

<213> Rattus norvegicus

<400> 4
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Ser Glu Lys Gly Ala Met Asp Ser Gln Phe Ala Asn Glu Asp Ala Glu
35 40 45
Ser Gln Lys Phe Leu Thr Asn Gly Phe Leu Gly Lys Lys Thr Leu Thr
50 55 60
Asp Tyr Ala Asp Glu His His Pro Gly Thr Thr Ser Phe Gly Met Ser
65 70 75 80
Ser Phe Asn Leu Ser Asn Ala Ile Met Gly Ser Gly Ile Leu Gly Leu
85 90 95
Ser Tyr Ala Met Ala Asn Thr Gly Ile Val Leu Phe Val Ile Met Leu
100 105 110
Leu Thr Val Ala Ile Leu Ser Leu Tyr Ser Val His Leu Leu Leu Lys
115 120 125
Thr Ala Lys Glu Gly Gly Ser Leu Ile Tyr Glu Lys Leu Gly Glu Lys
130 135 140
Ala Phe Gly Trp Pro Gly Lys Ile Gly Ala Phe Ile Ser Ile Thr Met
145 150 155 160
Gln Asn Ile Gly Ala Met Ser Ser Tyr Leu Phe Ile Ile Lys Tyr Glu
165 170 175
Leu Pro Glu Val Ile Arg Val Phe Met Gly Leu Glu Glu Asn Thr Gly
180 185 190
Glu Trp Tyr Leu Asn Gly Asn Tyr Leu Val Leu Phe Val Ser Val Gly
195 200 205
Ile Ile Leu Pro Leu Ser Leu Leu Lys Asn Leu Gly Tyr Leu Gly Tyr
210 215 220
Thr Ser Gly Phe Ser Leu Thr Cys Met Val Phe Phe Val Ser Val Val
225 230 235 240
Ile Tyr Lys Phe Gln Ile Pro Cys Pro Leu Pro Val Leu Asp His
245 250 255
Asn Asn Gly Asn Leu Thr Phe Asn Asn Thr Leu Pro Met His Val Ile
260 265 270
Met Leu Pro Asn Asn Ser Glu Ser Thr Gly Met Asn Phe Met Val Asp
275 280 285
Tyr Thr His Arg Asp Pro Glu Gly Leu Asp Glu Lys Pro Ala Ala Gly
290 295 300
Pro Leu His Gly Ser Gly Val Glu Tyr Glu Ala His Ser Gly Asp Lys
305 310 315 320
Cys Gln Pro Lys Tyr Phe Val Phe Asn Ser Arg Thr Ala Tyr Ala Ile
325 330 335
Pro Ile Leu Ala Phe Ala Phe Val Cys His Pro Glu Val Leu Pro Ile
340 345 350
Tyr Ser Glu Leu Lys Asp Arg Ser Arg Arg Lys Met Gln Thr Val Ser
355 360 365
Asn Ile Ser Ile Thr Gly Met Leu Val Met Tyr Leu Leu Ala Ala Leu
370 375 380
Phe Gly Tyr Leu Ser Phe Tyr Gly Glu Val Glu Asp Glu Leu Leu His
385 390 395 400
Ala Tyr Ser Lys Val Tyr Thr Phe Asp Thr Ala Leu Leu Met Val Arg
405 410 415
Leu Ala Val Leu Val Ala Val Thr Leu Thr Val Pro Ile Val Leu Phe
420 425 430

Pro Ile Arg Thr Ser Val Ile Thr Leu Leu Phe Pro Arg Arg Pro Phe
 435 440 445
 Ser Trp Val Lys His Phe Gly Ile Ala Ala Ile Ile Ala Leu Asn
 450 455 460
 Asn Val Leu Val Ile Leu Val Pro Thr Ile Lys Tyr Ile Phe Gly Phe
 465 470 475 480
 Ile Gly Ala Ser Ser Ala Thr Met Leu Ile Phe Ile Leu Pro Ala Ala
 485 490 495
 Phe Tyr Leu Lys Leu Val Lys Glu Pro Leu Arg Ser Pro Gln Lys
 500 505 510
 Ile Gly Ala Leu Val Phe Leu Val Thr Gly Ile Ile Phe Met Met Gly
 515 520 525
 Ser Met Ala Leu Ile Ile Asp Trp Ile Tyr Asn Pro Pro Asn Pro
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 Asp His His
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<210> 5
 <211> 506
 <212> PRT
 <213> Human

<400> 5
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 Lys Gln Ala Ala Leu Lys Ser His Tyr Ala Asp Val Asp Pro Glu Asn
 35 40 45
 Gln Asn Phe Leu Leu Glu Ser Asn Leu Gly Lys Lys Lys Tyr Glu Thr
 50 55 60
 Glu Phe His Pro Gly Thr Thr Ser Phe Gly Met Ser Val Phe Asn Leu
 65 70 75 80
 Ser Asn Ala Ile Val Gly Ser Gly Ile Leu Gly Leu Ser Tyr Ala Met
 85 90 95
 Ala Asn Thr Gly Ile Ala Leu Phe Ile Ile Leu Leu Thr Phe Val Ser
 100 105 110
 Ile Phe Ser Leu Tyr Ser Val His Leu Leu Leu Lys Thr Ala Asn Glu
 115 120 125
 Gly Gly Ser Leu Leu Tyr Glu Gln Leu Gly Tyr Lys Ala Phe Gly Leu
 130 135 140
 Val Gly Lys Leu Ala Ala Ser Gly Ser Ile Thr Met Gln Asn Ile Gly
 145 150 155 160
 Ala Met Ser Ser Tyr Leu Phe Ile Val Lys Tyr Glu Leu Pro Leu Val
 165 170 175
 Ile Gln Ala Leu Thr Asn Ile Glu Asp Lys Thr Gly Leu Trp Tyr Leu
 180 185 190
 Asn Gly Asn Tyr Leu Val Leu Val Ser Leu Val Val Ile Leu Pro
 195 200 205
 Leu Ser Leu Phe Arg Asn Leu Gly Tyr Leu Gly Tyr Thr Ser Gly Leu
 210 215 220
 Ser Leu Leu Cys Met Val Phe Phe Leu Ile Val Val Ile Cys Lys Lys
 225 230 235 240
 Phe Gln Val Pro Cys Pro Val Glu Ala Ala Leu Ile Ile Asn Glu Thr
 245 250 255
 Ile Asn Thr Thr Leu Thr Gln Pro Thr Ala Leu Val Pro Ala Leu Ser

260	265	270
His Asn Val Thr Glu Asn Asp Ser Cys Arg Pro His Tyr Phe Ile Phe		
275	280	285
Asn Ser Gln Thr Val Tyr Ala Val Pro Ile Leu Ile Phe Ser Phe Val		
290	295	300
Cys His Pro Ala Val Leu Pro Ile Tyr Glu Glu Leu Lys Asp Arg Ser		
305	310	315
Arg Arg Arg Met Met Asn Val Ser Lys Ile Ser Phe Phe Ala Met Phe		
325	330	335
Leu Met Tyr Leu Leu Ala Ala Leu Phe Gly Tyr Leu Thr Phe Tyr Glu		
340	345	350
His Val Glu Ser Glu Leu Leu His Thr Tyr Ser Ser Ile Leu Gly Thr		
355	360	365
Asp Ile Leu Leu Leu Ile Val Arg Leu Ala Val Leu Met Ala Val Thr		
370	375	380
Leu Thr Val Pro Val Val Ile Phe Pro Ile Arg Ser Ser Val Thr His		
385	390	395
Leu Leu Cys Ala Ser Lys Asp Phe Ser Trp Trp Arg His Ser Leu Ile		
405	410	415
Thr Val Ser Ile Leu Ala Phe Thr Asn Leu Leu Val Ile Phe Val Pro		
420	425	430
Thr Ile Arg Asp Ile Phe Gly Phe Ile Gly Ala Ser Ala Ala Ser Met		
435	440	445
Leu Ile Phe Ile Leu Pro Ser Ala Phe Tyr Ile Lys Leu Val Lys Lys		
450	455	460
Glu Pro Met Lys Ser Val Gln Lys Ile Gly Ala Leu Phe Phe Leu Leu		
465	470	475
Ser Gly Val Leu Val Met Thr Gly Ser Met Ala Leu Ile Val Leu Asp		
485	490	495
Trp Val His Asn Ala Pro Gly Gly His		
500	505	